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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/804,192	03/19/2004	Brig Barnum Elliott	03-4041	6754
32127	7590	03/26/2007	EXAMINER	
VERIZON PATENT MANAGEMENT GROUP 1515 N. COURTHOUSE ROAD, SUITE 500 ARLINGTON, VA 22201-2909			FIELDS, COURTNEY D	
			ART UNIT	PAPER NUMBER
			2137	
SHORTENED STATUTORY PERIOD OF RESPONSE		NOTIFICATION DATE	DELIVERY MODE	
3 MONTHS		03/26/2007	ELECTRONIC	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 03/26/2007.

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patents@VERIZON.COM

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/804,192	ELLIOTT, BRIG BARNUM	
	Examiner Courtney D. Fields	Art Unit 2137	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 19 March 2004.  
 2a) This action is FINAL.                            2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-25 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-25 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date: _____
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>09 June 2004</u>	5) <input type="checkbox"/> Notice of Informal Patent Application
	6) <input type="checkbox"/> Other: _____

## DETAILED ACTION

1. Claims 1-25 are pending.

### ***Information Disclosure Statement***

2. The Information Disclosure Statement respectfully submitted on 09 June 2004 has been considered by the Examiner.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Semper et al. (US Patent No. 6,546,001)

Referring to the rejection of claims 1,15, 16, and 24, Semper et al. discloses a method, system, and computer-readable medium of medium access control comprising:

- a processor (See Column 5, lines 17-22)
- a memory (See Column 5, lines 17-22)
- receiving a first message including a first integer; (See Column 6, lines 38-47)

sending a second message including a second integer, the second message sent in response to the first message; (See Column 6, lines 48-52)

          receiving a third message including data and a third integer, the third integer serving to authenticate the third message, (See Column 6, lines 26-33)

          and sending in response to the third message, a fourth message including a fourth integer, the fourth message serving to acknowledge receipt of the third message (See Column 8, lines 52-65)

Referring to the rejection of claims 2 and 17, Semper et al. discloses the claimed limitation wherein using as the first, second, third, and fourth integers, the same value (See Column 10, lines 6-17)

Referring to the rejection of claims 3 and 18, Semper et al. discloses the claimed limitation wherein using, as the same value, a random integer (See Column 6, lines 38-47)

Referring to the rejection of claims 4 and 19, Semper et al. discloses the claimed limitation wherein using, as the same value, a pseudorandom integer (See Column 6, lines 48-52)

Referring to the rejection of claims 5 and 20, Semper et al. discloses the claimed limitation wherein using, as the same value, a time value (See Column 6, lines 26-33)

Referring to the rejection of claims 6 and 21, Semper et al. discloses the claimed limitation wherein using, as the same value, a time value based on a Global Positioning System (GPS) (See Column 5 lines 49-55)

Referring to the rejection of claims 7 and 22, Semper et al. discloses the claimed limitation wherein using, as the first integer, a nonce value, the nonce value being based on one or more of the following: a random integer, a pseudorandom integer, or a time value (See Column 6, lines 26-52)

Referring to the rejection of claim 8, Semper et al. discloses the claimed limitation wherein using, as the first integer, a value that is a function of a nonce value (See Column 6, lines 53-58)

Referring to the rejection of claim 9, Semper et al. discloses the claimed limitation wherein using, as the first message, a request to send message (See Column 4, lines 54-67)

Referring to the rejection of claim 10, Semper et al. discloses the claimed limitation wherein using, as the second message, a clear to send message (See Column 4, lines 54-67)

Referring to the rejection of claim 11, Semper et al. discloses the claimed limitation wherein using the first, second, third, and fourth messages as the medium access control of a wireless network (See Column 4, lines 33-41)

Referring to the rejection of claim 12, Semper et al. discloses the claimed limitation wherein using, as the first message, a request-to-send message, the request-to-send message providing media access control (See Column 6, lines 1-25)

Referring to the rejection of claims 13,14, 23, and 25, Semper et al. discloses a method, system, and computer-readable medium of medium access control in a wireless network comprising:

a processor (See Column 5, lines 17-22)

a memory (See Column 5, lines 17-22)

receiving a request to send message, the request to send message including a first integer, sending in response to the received request to send message, a clear to send message including the first integer and a second integer, receiving a data message including the second integer, the second integer serving to authenticate the data message, and sending in response to the received data message, an acknowledgement message including the first integer (See Column 6, lines 1-25)

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Courtney D. Fields whose telephone number is 571-272-3871. The examiner can normally be reached on Mon - Thurs. 6:00 - 4:00 pm; off every Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on 571-272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2137

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

COJ

cdf

March 18, 2007

*Matthew Smithers*  
MATTHEW SMITHERS  
PRIMARY EXAMINER  
*Art Unit 2137*